

Canon's First Compact Wireless Flat Panel Detector Provides High Resolution Images with Low X-ray Exposure – Ideal for Neonatal and Pediatrics.



With an image area of approximately 11" x 14" and weighing just over 5 lbs, the CXDI-80C Wireless Detector easily fits into most Neonatal Intensive Care Unit (NICU) beds and warmers without any modification. Newborns, pediatrics, and even adult patients can take advantage of the smallest and lightest wireless detector available.



## CXDI WIRELESS SERIES DR DETECTORS SPECIFICATIONS



Detector	CXDI-80C Wireless	CXDI-70C Wireless
Imaging Area	Approx. 11 x 14 in (27 x 35 cm)	14 x 17 in (35 x 43 cm)
Dimensions	12.1 x 15.1 x 0.6 in (307 x 384 x 15 mm)	15 x 18 x 0.6 in (384 x 460 x 15 mm)
Weight	5.1 lbs (2.3 kg)	7.5 lbs (3.4 kg)
Pixels	2,192 x 2,800 Pixels (6.1 Megapixels)	2,800 x 3,408 Pixels (9.5 Megapixels)
Scintillator	CsI (CsI:TI)	
Purpose	General Radiography	
Method	Cassette Size Detector, Scintillator & Amorphous Silicon (a-Si)	
Sensor	LANMIT (Large Area New-MIS sensor and TFT)	
Pixel Pitch	125 microns	
A/D	14-bit	
Grayscale	4,096 grayscale (12-bit)	
Wireless Standard	IEEE 802.11n	
Bandwidth	2.4/5 GHz	
High Resolution Image Display Time	Approx. 5 Seconds After X-ray Exposure	
Cycle Time	Approx. 15 Second After X-ray Exposure	
DICOM	DICOM 3.0 Compatible, Print Management Service Class (SCU), Storage Service Class (SCU), and Others	
Battery Performance	Approx. 140 Images (@100 sec. cycle, 1 sec. sleep)	
Recharging Time	Less Than 3 Hours	
Operating Environment	Sensor unit: 41-95°F (5-35°C) Humidity 30-80% RH (non-condensing)	

Specifications are subject to change without notice.

DRB-017 Rev. B

\* Compared to all other Digital Radiography Detectors, except CXDI DR Detectors, as of November 20, 2011.

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**Canon**

**CXDI** Wireless Series  
Digital Radiography Systems



*Lower Dose. Higher Resolution.\**

## Wireless Freedom Comes in Two Sizes.



Experience the freedom that Canon Wireless Detector technology can offer. Now you have two sizes, the CXDI-70C Wireless DR Detector with its 14" x 17" imaging area and the CXDI-80C Wireless DR Detector with its approximate 11" x 14" imaging area along with Dual Band Modes of 5 GHz and 2.4 GHz, that you can choose from to reinvest in your existing product portfolio or simply add new technologies as you desire. High image quality with low X-ray exposure to the patient... Solutions Uncompromised.

## Canon Delivers the DR Performance You Need – And More!

### Lightweight, Portable and Secure

Integrate the Canon lightweight and dose friendly wireless detectors into your existing X-ray systems. The CXDI-70C Wireless and CXDI-80C Wireless Detectors easily fit into most existing Bucky trays. The CXDI-80C Wireless Detector can be ideal for the Neonatal Intensive Care Unit (NICU) beds, with its pediatric friendly exclusive imaging size. Four (4) detectors can be used concurrently with simple and efficient infrared (IR) check-in and patient data can be transferred seamlessly through Wi-Fi Protected Access II (WPA2™) with AES encryption.



### Durability Built to Last

The Canon family of wireless detectors utilizes a 2-lock secure locking battery system. Proprietary technology allows for extended battery use with automatic battery replacement reminders. Image capture is easy from a standing position as both detectors withstand overall standing pressure of up to 330 lbs (150 kg) (up to 221 lbs (100 kg) of overall standing pressure per 4 cm area).



All equipment, other than the CXDI Wireless Series Detectors, are shown for illustration purposes only



Charger sold separately



### Advanced Detector Technology – With 5 GHz for Fast Data Transfer

The CXDI-70C Wireless and CXDI-80C Wireless Flat Panel Detectors use the latest in Canon developed technology with a proprietary glass substrate delivering high resolution images at 125 micron pixel pitch. A proprietary and advanced LANMIT (Large Area New Metal-Insulator Semiconductor) detector provides easy acquisition of high-resolution and high contrast images. And, a Cesium Iodide (CsI) scintillator produces high quality images at a low X-ray exposure to the patient.

Both CXDI-70C Wireless and CXDI-80C Wireless detectors run at 5 GHz on an 802.11n network that increases signal clarity – resulting in fast data transfer speed.



### Complete Software Suite

The Canon CXDI Control Software NE is a complete software solution developed specifically for Canon DR detectors that provides quick image confirmation and timely network distribution, reduces operation steps, supports multiple study acquisition and can be easily tailored to individual clinical preferences. In addition, this proprietary software solution complies with HIPAA standards and is IHE Compliant.



Simulated Image

# ADVANCED